

UNITED STATES DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON

HANNAH HEIGHTS OWNERS
ASSOCIATION, INC. (WASHINGTON),

Plaintiff,

V.

3M COMPANY,
TYCO FIRE PRODUCTS LP,
BASF CORPORATION,
SAN JUAN COUNTY FIRE PROTECTION
DISTRICT NO. 3 (WASHINGTON)

Defendants.

Case No. _____

COMPLAINT AND JURY DEMAND

COMPLAINT AND JURY DEMAND - 1

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1 Hannah Heights Owners Association, Inc. (“Hannah Heights”), by and through its attorneys,
 2 hereby alleges as follows:

3 **I. SUMMARY OF CLAIM**

4 1. Hannah Heights, a community of roughly four dozen households, sits on the
 5 western edge of San Juan Island in Puget Sound. The community is located on a relatively
 6 remote, rocky island in Washington with scarce access to fresh water and limited options to
 7 connect to or create new water sources.

8 2. In May 2023, Hannah Heights’ drinking water contamination made headlines in
 9 news and media outlets for having the highest levels of per- and polyfluoroalkyl substances
 10 (“PFAS”) in a Washington public water system.

11 3. Well 2, which has provided roughly 70-80% of water consumed in the
 12 community, produced sampling results in May 2023 that detected perfluorooctane sulfonate
 13 (“PFOS”) at 9400 parts per trillion (“ppt”), two thousand three-hundred and fifty times EPA’s 4
 14 ppt Maximum Contaminant Level (“MCL”) for drinking water; perfluorohexane sulfonic acid
 15 (“PFHxS”) at 7550 ppt, seven hundred and fifty-five times the 10 ppt MCL; and
 16 perfluorooctanoic acid (“PFOA”) at 373 ppt, over ninety-three times the 4 ppt MCL.

17 4. Hannah Heights has two wells that supply drinking water to the community. Well
 18 2 is located at Station 33, the Bailer Hill/Little Mountain Fire House (“Fire House”). The Fire
 19 House and Well 2 are located on land owned by Hannah Heights and leased by the San Juan
 20 County Fire Protection District No. 3 (“Fire District”). Well 2 provides more than 10 gallons per
 21 minute all year. Well 3 produces four gallons per minute or less in winter and is dry in summer
 22 months. Well 1 went dry 30 years ago.

1 5. Shortly after discovering PFAS in Well 2, its principal and only well capable of
2 meeting the community's water system demands, and urging by San Juan County, Hannah
3 Heights declared a state of emergency. As a result of PFAS contamination, Hannah Heights
4 remains under a "Do Not Drink" water advisory from the Washington State Department of
5 Health that has been in place for almost 2 years. The advisory states that customers on the west
6 side of San Juan Island, southwest of Friday Harbor, should use only purchased bottled water for
7 drinking and cooking until further notice. The water advisory is what first necessitated that the
8 community begin trucking in water to ensure an adequate supply.

9 6. Since discovering PFAS in its water system, Hannah Heights has been actively
10 seeking alternative water sources and treatment systems. Despite its best efforts, Hannah Heights
11 has yet to find a sufficient alternate water source to its contaminated Well 2.

12 7. Hannah Heights has had water trucked into the neighborhood and relied more
13 heavily on its Well 3 to supplement drinking water supplies while the contaminated Well 2 is
14 offline. Hannah Heights has also pursued well easements to drill outside the neighborhood where
15 potential water sources exist, but these efforts have not succeeded due to limited water supplies
16 on the island. As there are few other areas within the Hannah Heights neighborhood where a well
17 could provide an adequate water supply, Hannah Heights has also been seeking treatment options
18 for Well 2, or any other new well they may need to drill in the contaminated area before the area
19 is fully remediated. Implementing a necessary treatment system to adequately remediate Hannah
20 Heights' contamination may require either a full-scale recommission of Well 2 or application to
21 a newly drilled well in the same vicinity as Well 2.

1 8. Since PFAS was first detected in Hannah Heights' water system, the community
 2 has faced growing concerns about how residents will receive water for drinking, cooking,
 3 bathing, washing, gardening, and other uses.

4 9. Hannah Heights is run by a seven-person volunteer board. Due to its size, Hannah
 5 Heights lacks the resources and infrastructure that are typically available to larger municipalities
 6 to respond to such an issue.

7 10. Hannah Heights brings this action for injunctive, monetary, and declaratory relief
 8 to address the presence of PFAS—including, but not limited to, PFOS, PFOA, and PFHxS—in
 9 Hannah Heights' drinking water sources, real property, water rights, and related property
 10 ("Hannah Heights Property").

11 11. PFAS are a group of toxic, extremely persistent, and bioaccumulative synthetic
 12 chemicals. When consumed, PFAS can cause serious health impacts.

13 12. The 3M Company ("3M"), Tyco Fire Products LP ("Tyco"), and BASF
 14 Corporation ("BASF") (together, the "Manufacturer Defendants"), and the Fire District
 15 (collectively, "Defendants") are responsible for PFAS released into the water sources that supply
 16 Hannah Heights' public water supply system and other property owned by, and impacting,
 17 Hannah Heights.

18 13. For years, Manufacturer Defendants manufactured, sold, and/or distributed
 19 compounds and products containing PFAS. These products include the firefighting suppressant
 20 agent "aqueous film-forming foam" ("AFFF"), which contains PFAS and is used at fire-fighting
 21 training facilities.¹

22 ¹ Unless otherwise noted, all mentions of "AFFF" refer to AFFF containing PFAS, and includes PFAS component
 23 parts of AFFF, including, but not necessarily limited to, PFOA, PFOS, PFNA, PFBS, and HFPO-DA.

1 14. Manufacturer Defendants knew that PFAS and related constituents present
2 unreasonable risks to human health, water quality, and the environment. Yet they manufactured,
3 distributed, and sold these chemicals with inadequate warning of their toxic effects. They did so
4 without regard to the health of Hannah Heights' drinking water customers or Hannah Heights'
5 property interests, both of which could foreseeably be damaged once these chemicals infiltrated
6 the environment.

7 15. Manufacturer Defendants marketed and/or distributed and sold their AFFF and
8 other PFAS-containing products with knowledge that they would be used in training exercises,
9 fire control, fire suppression systems, emergency situations, and other ways at fire-fighting
10 facilities.

11 16. Manufacturer Defendants knew such use would release PFAS and other
12 contaminants into the environment.

13 17. Manufacturer Defendants' acts and omissions contaminated Hannah Heights
14 Property with PFAS. This contamination has been found in Hannah Heights' water sources from
15 which Hannah Heights draws water to supply its residents.

16 18. Manufacturer Defendants' negligent development, manufacturing, distribution,
17 marketing, and/or sale of AFFF and other PFAS-containing products contaminated Hannah
18 Heights' Property with PFAS.

19 19. Through their development, manufacturing, distribution, marketing, and/or sale of
20 AFFF; violations of the Model Toxics Control Act ("MTCA"), Chapter 70A.305 RCW; the
21 Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), 42
22 U.S.C. § 9601; the Washington Consumer Protect Act ("CPA"), Chapter 19.86 RCW; and

1 through their nuisance and negligence, Manufacturer Defendants proximately caused Hannah
 2 Heights' injuries and damages by contaminating Hannah Heights Property.

3 20. Likewise, Defendant Fire District's uncontrolled release of PFAS, which are
 4 hazardous substances, onto Hannah Heights Property, including at the Fire House located at
 5 3189 Bailer Hill Road, Friday Harbor, Washington 98250, caused Hannah Heights to incur and
 6 continue to incur costs. From at least 1992 until 2018, the Fire District released PFAS to
 7 groundwater through its use and handling of AFFF during training events and other activities at
 8 the Fire House on Hannah Heights property.

9 21. Well 2 is immediately adjacent to, and downhill from the Fire House. Volunteer
 10 firefighters recall foam drills occurring at the Fire House once or twice a year in the 1990s and
 11 2000s. Training logs document the firefighters' practice applying Class B foam, an AFFF. A log
 12 from 2006 instructs that, "firefighters should demonstrate the application of foam on a mock fuel
 13 spill. Each crew should demonstrate (as possible) the three techniques used in foam application." Training
 14 included, "set[ting] up a simulated fuel spill and/or fire" and firefighters would
 15 "respond to the location" by "trad[ing] off applying AFFF properly". Drill reports specifically
 16 mention "foam practice" and "foam operations". Firefighters practiced by aiming foam at the
 17 bushes and trees within which Well 2 is located. After the drills, the firefighters cleaned their
 18 hoses by running water through them at the Fire House. The training logs describing these
 19 practices date back until at least 1992. Logs specifically reference Station 33, the identification
 20 used for the Fire House.

21 22. The Fire District's improper handling and release of PFAS has contaminated, and
 22 continues to contaminate, Hannah Heights Property. Specifically, due to its CERCLA and
 23

1 MTCA violations, trespass, nuisance, and negligence, the Fire District, acting through its
 2 employees and personnel, caused Hannah Heights' injuries and damages by contaminating
 3 Hannah Heights Property.

4 23. This action thus arises from the negligent, intentional, wrongful, and illegal acts
 5 and omissions by Manufacturer Defendants and the Fire District that contaminated Hannah
 6 Heights Property.

7 24. As a result of Defendants' contamination of Hannah Heights Property, Hannah
 8 Heights has and will continue to incur significant expenses and losses associated with its
 9 inability to use its water supply, continued water quality testing, assessing and implementing
 10 filtration systems, removing wells from and keeping wells out of service, identifying and
 11 obtaining alternate water supplies, and otherwise responding to and mitigating the impacts of
 12 PFAS contamination on Hannah Heights Property.

13 25. Under common law, Hannah Heights seeks injunctive relief requiring that
 14 Defendants, as necessary: fund installation of filtration systems or other best remediation
 15 technology as determined by Hannah Heights, and other infrastructure necessary to remediate
 16 PFAS in Hannah Heights' affected wells and associated systems; build new wells that draw
 17 water from areas unaffected by PFAS; remediate the soil underlying the Fire House and
 18 surrounding Hannah Heights property, which has been used by the Fire District for over 30 years
 19 to conduct firefighting training, as necessary to prevent that potential major source of PFAS from
 20 further entering Hannah Heights' water supply; and supply Hannah Heights' residents with a
 21 new or alternative water supplies unaffected by PFAS as necessary to meet demand.

22 26. Under federal and state law set forth further below, Hannah Heights also seeks

1 from Defendants compensatory, consequential and incidental damages; restitution; declaratory
 2 judgment; and any additional appropriate relief.

3 II. JURISDICTION AND VENUE

4 27. This Court has federal question jurisdiction under 28 U.S.C. § 1332 to hear the
 5 Comprehensive Environmental Response, Compensation, and Liability Act (“CERCLA”) claims
 6 against Defendants set forth in this Complaint under Section 107 of CERCLA, 42 U.S.C. §
 7 9607(a).

8 28. This Court has jurisdiction to hear Hannah Heights’ claims against Manufacturer
 9 Defendants pursuant to 28 U.S.C. § 1332, as the parties are completely diverse and the amount in
 10 controversy exceeds \$75,000.

11 29. This Court also has supplemental jurisdiction over Hannah Heights’ state law
 12 claims against Defendants under 28 U.S.C. § 1337.

13 30. In addition, the Declaratory Judgments Act, 28 U.S.C. § 2201, authorizes this
 14 Court to grant declaratory relief in this matter.

15 31. Venue is appropriate in the Western District of Washington pursuant to 28 U.S.C.
 16 § 1331, because it is the District in which Hannah Heights resides and maintains its principal
 17 place of business, in which a substantial part of the property that is the subject of this action is
 18 situated, and in which a substantial part of the events and omissions giving rise to this complaint
 19 occurred.

20 III. PLAINTIFF

21 32. Plaintiff Hannah Heights is a Washington non-profit corporation with its principal
 22 place of business at P.O. Box 722, Friday Harbor, WA 98250.

33. Hannah Heights is a municipal water purveyor with municipal water rights issued by the Washington State Department of Ecology (“Ecology”). Hannah Heights operates a public water system that supplies drinking water to approximately 43 homes in the Hannah Heights community through an interconnected water supply and distribution system. Hannah Heights’ water system is maintained and regulated by the Washington State Department of Health.

34. Well 2, located on Hannah Heights' property containing the Fire House, has historically provided roughly 70-80% of water consumed in the community.

IV. DEFENDANTS

35. Defendant 3M is a Delaware corporation with its principal place of business at 3M Center, St. Paul, Minnesota 55144-1000.²

36. Defendant Tyco is a Delaware limited partnership with its principal place of business at 1467 Elmwood Ave., Cranston, Rhode Island 02910. On information and belief, Tyco is the successor-in-interest to Ansul, Inc. (“Ansul”). On information and belief, Tyco’s governing partners are citizens of Florida, Pennsylvania, and Delaware. Tyco acquired Chemguard in 2011.

37. Defendant BASF is a Delaware corporation with its principal place of business at 100 Park Avenue, Florham Park, New Jersey 07932. BASF previously acquired Ciba-Geigy Corporation and/or Ciba Specialty Chemicals.

38. Defendant Fire District is a special purpose district and municipal corporation with its principal place of business at 1011 Mullis Street, Friday Harbor, WA 98250.

² Hannah Heights successfully opted out of the 3M Settlement Agreement (Dkt. 3793-2), the Tyco Settlement Agreement (Dkt. 5053-3), and the BASF Settlement Agreement (Dkt. 4911-3), and therefore did not release any claims against 3M, Tyco, or BASF.

V. FACTUAL ALLEGATIONS

A. PFAS poses a threat to human health and the environment.

39. PFAS are a family of synthetic chemicals containing fluorine and carbon atoms. As used in this Complaint, the term “PFAS” includes all PFAS that have been or may be detected in Hannah Heights Property, including, inter alia, PFOA, PFOS, perfluororononanoic acid (“PFNA”), PFHxS, and perfluorobutanesulfonic acid (“PFBS”).

40. PFAS have strong surfactant properties, meaning they reduce the surface tension between a liquid and another liquid or solid. For this reason, they are effective in products requiring fire resistance or oil, stain, grease, and water repellency.

41. PFAS are in many products, including, but not limited to: firefighting foams, wire insulation, cleaners, textiles, leather, paper, and paints.

42. PFAS are not naturally occurring. Thus, PFAS detected in the environment and in humans are attributable to human activity.

43. Hundreds of PFAS have been manufactured, distributed, and sold in the United States.

44. The two most widely known and studied PFAS are PFOA and PFOS.

45. Due to their chemical structure, PFAS do not normally hydrolyze, photolyze, or biodegrade under environmental conditions, and are extremely persistent in the environment and in human tissue.

46. PFAS also are particularly mobile in soil and water, readily absorbed into groundwater, and can migrate across long distances.

47. Studies have shown that PFAS bioaccumulate and biomagnify in humans and

1 wildlife.

2 48. Specifically, humans may absorb PFAS from drinking water. PFAS accumulate
3 primarily in the blood stream, kidneys, and liver.

4 49. In 2009, the U.S. Environmental Protection Agency (“EPA”) issued Provisional
5 Health Advisories “to assess potential risk from exposure to [PFOS and PFOA] through drinking
6 water,” setting provisional lifetime health advisory levels of 400 ppt for PFOA and 200 ppt for
7 PFOS. No sampling was required until 2012.

8 50. In May 2016, EPA issued lower health advisories for PFOA and PFOS warning
9 that drinking water containing PFAS above a combined value of 70 ppt for PFOA and PFOS
10 poses risks of adverse human health effects. EPA announced the Health Advisories on May 19,
11 2016, and published them in the Federal Register on May 25, 2016.

12 51. According to EPA, health risks associated with PFAS include “developmental
13 effects to fetuses during pregnancy or to breast-fed infants (e.g., low birth weight, accelerated
14 puberty, skeletal variations), cancer (e.g., testicular, kidney), liver effects (e.g., tissue damage),
15 immune effects (e.g., antibody production and immunity), and other effects (e.g., cholesterol
16 changes).”

17 52. In June 2022, EPA established lower drinking water interim health advisory limits
18 (“Health Advisories”) for PFOA and PFOS at .004 and .02 ppt, respectively. At the same time,
19 EPA created two additional Health Advisories for GenX and PFBS at 10 and 2,000 ppt
20 respectively.³ EPA set the Interim HALs at levels below which PFOS and PFOA can be
21 measured using current analytic methods, meaning that the mere detection of PFOS or PFOA in

22 ³ See Lifetime Drinking Water Health Advisories for Four Perfluoroalkyl Substances, 87 Fed. Reg. 36848 (June 21,
23 2022).

1 a water provider's system results in an exceedance of the new levels.

2 53. In January 2024, EPA proposed to list nine PFAS, including PFOA and PFOS, as
 3 hazardous constituents under RCRA, 42 U.S.C. § 6901 et seq., enabling EPA to require
 4 investigation and cleanup of these PFAS at facilities that treat, store, or dispose of hazardous
 5 wastes. EPA also proposed to expand the agency's authority in a way that would allow it to
 6 address thousands of other PFAS that have not formally been found to be hazardous.

7 54. In April 2024, EPA finalized MCLs under the federal Safe Drinking Water Act
 8 ("SDWA") for PFOA and PFOS of 4 ppt each and for PFHxS, PFNA, and HFPO-DA ("GenX")
 9 at 10 ppt each; it is also regulating mixtures of PFNA, PFHxS, PFBS, and/or GenX under a
 10 unitless threshold called a "Hazard Index," based on the combined concentrations of those four
 11 PFAS.

12 55. In April 2024, EPA designated PFOA and PFOS as hazardous substances under
 13 CERCLA. EPA is also considering whether to designate several other PFAS and/or entire
 14 categories of PFAS as hazardous substances under CERCLA.

15 56. These EPA actions are predicated in part on studies completed on PFAS by the
 16 Agency for Toxic Substances and Disease Registry ("ATSDR"), the U.S. Public Health Service,
 17 and the U.S. Department of Health and Human Services, which show that PFAS, including
 18 PFOA and PFOS, may adversely affect human health and the environment.

19 57. For example: on June 20, 2018, the ATSDR and the U.S. Department of Health
 20 and Human Services released a draft toxicological profile for perfluoroalkyls for public comment
 21 ("2018 ATSDR Toxics Profile").

22 58. The 2018 ATSDR Toxics Profile was prepared pursuant to CERCLA § 104(i), 42

1 U.S.C. § 9604(i), and characterizes the toxicological and adverse health effects for 14 PFAS. In
2 it, ATSDR set provisional minimal risk levels for the PFAS analyzed. It concluded that several
3 have long half-lives in humans, and that PFAS exposure can cause several adverse health
4 outcomes.

5 59. The 2018 ATSDR Toxics Profile explains that “EPA (2016e, 2016f) has
6 concluded that there is suggestive evidence of the carcinogenic potential of PFOA and PFOS in
7 humans. [The International Agency for Research on Cancer] . . . (2017) concluded that PFOA is
8 possibly carcinogenic to humans (Group 2B).”

9 60. Additionally, nonhuman receptors exposed to the contaminated environment are
10 at significant risk of harm. PFOA is persistent and can cause adverse effects in laboratory
11 animals, including cancer and developmental and systemic toxicity. PFOS is persistent,
12 bioaccumulative, and toxic to mammalian species. PFOS is linked to developmental,
13 reproductive, and systemic toxicity. PFOA and PFOS are also linked to immune system impacts
14 on certain animal species (which are often used as indicators of the overall health of an
15 ecosystem): elevated mortality in unexposed progeny of freshwater macroinvertebrates with
16 exposure in the parental generation, disruption of the endocrine system in wildlife, and liver
17 toxicity.

18 61. PFOA is also readily taken up by plants, including wild plants and crops that are
19 grown on contaminated soil, and lead to further bioaccumulation in the food chain.

20 62. The State of Washington has also taken significant steps to regulate PFAS. In
21 October 2021, Ecology announced that it interprets MTCA and related regulations to encompass
22 the entire class of PFAS as hazardous. In July 2022, Ecology published recommended soil and
23

1 groundwater cleanup levels for PFOA, PFOS, PFNA, PFHxS, PFBS, and GenX. In addition, the
 2 Washington State Legislature passed a bill prohibiting the use of Class B firefighting foam
 3 containing PFAS for training purposes.

4 63. As of January 1, 2022, the Washington State Board of Health enacted state action
 5 levels (“SALs”) for five PFAS detected in drinking water: 10 ppt for PFOA; 15 ppt for PFOS; 9
 6 ppt for PFNA; 65 ppt for PFHxS; and 345 ppt for PFBS.

7 64. On April 20, 2024, the Washington State Board of Health announced its intention
 8 to adopt the federal MCLs via rulemaking, a process that can take up to two years.

9 65. On January 6, 2023, the Defense Logistics Agency within the Department of
 10 Defense (“DOD”) published a new Military Specification for “Fire Extinguishing Agent,
 11 Fluorine-Free Foam (F3) Liquid Concentrate, for Land-Based, Fresh Water Application,” MIL-
 12 PRF-32725 (“F3 MilSpec”) in accordance with § 332(a)(1) of the FY 2020 NDAA.⁴ This new
 13 specification will govern fire extinguishing foams used by all DOD organizations and will
 14 require such foams to test “non-detect” for PFAS. The specification further requires
 15 manufacturers to “certify in writing that PFAS has not intentionally been added to the
 16 concentrate.”

17 **B. Since the 1950s, PFAS-containing products made and sold by Manufacturer Defendants
 18 have contaminated the environment.**

19 66. Beginning in the 1950s, manufacturers began incorporating PFAS into consumer
 20 products.

21
 22
 23 ⁴ Available on the Defense Logistics Agency’s website, https://quicksearch.dla.mil/qsDocDetails.aspx?ident_number=285047.

1 67. In 1956, 3M began selling Scotchgard, a stain repellent and durable water
 2 repellent designed to be applied to textiles, that used PFOS and later PFBS as its primary active
 3 ingredients.

4 68. On information and belief, Manufacturer Defendants manufactured, distributed,
 5 and/or sold PFAS as part of other PFAS-containing products or for inclusion in such products.

6 **C. Since the 1960s, AFFF has been used and released into the environment.**

7 69. In or about 1966, the United States patented AFFF as a method for extinguishing
 8 liquid hydrocarbon fires and other fires at military bases, airports, oil refineries, and firefighting
 9 training facilities.

10 70. In 1969, by command of the Navy Department and Marine Corps, DOD issued
 11 military specification MIL-F-24385 (amended subsequently), requiring AFFF liquid concentrate
 12 to contain either 3% or 6% PFAS. In MIL-F-24385, DOD refers to 3% AFFF concentrate as
 13 “Type 3” and to 6% AFFF concentrate as “Type 6”.

14 71. In the foam industry, concentrates are typically referred to as “3%” or “6%”
 15 concentrate, depending on the mixture rate with water (either 97% or 94%, respectively). AFFF
 16 concentrates contain about 60–90% water and have a fluorine content of about 0.3–1.8%.

17 72. AFFF and other Class B fluorine-containing firefighting foams have been stored
 18 and used for fire suppression of flammable liquid fires, fire training, and flammable vapor
 19 suppression at military installations, fire-fighting training facilities, and civilian airports in the
 20 United States, including at a location impacting Hannah Heights Property.

21 73. AFFF concentrate containing PFAS is stored in above-ground storage tanks,
 22 underground storage tanks, and nonstationary containers. To use AFFF stored in this manner, the

1 concentrate is mixed with water to make a liquid foam solution. The foam solution is then
 2 aerated at the nozzle, yielding finished foam that is then ready to be applied to a fire.

3 74. AFFF is designed to coat fire, blocking its oxygen supply and creating a barrier to
 4 extinguish vapors. A film also forms to smother the fire after the foam has dissipated.

5 75. Thousands of gallons of foam solution may be applied during a single AFFF
 6 release or discharge.

7 76. AFFF has been released into the environment, including, on information and
 8 belief, at locations impacting Hannah Heights Property, through a variety of practices and
 9 mechanisms including: low volume releases of foam concentrate during storage, transfer, or
 10 equipment calibration; moderate volume discharge of foam solution for apparatus testing; and
 11 high-volume, broadcast discharge of foam solution for fire training.

12 77. Safety Data Sheets (“SDSs” (f/k/a Material Safety Data Sheets (“MSDSs”)))
 13 require that, after AFFF is released, spilled, discharged, or disposed into the environment, it must
 14 be contained so it does not accumulate in sediment, soil, surface water, sewers, or groundwater.

15 78. If it is not contained, AFFF reverts from foam to the liquid solution of PFAS and
 16 water, and accumulates in sediment, soil, surface water, sewers, and groundwater.

17 **D. Manufacturer Defendants supplied AFFF to the Fire District.**

18 79. Defendant 3M does business throughout the United States and is registered to do
 19 business in Washington. It developed, designed, manufactured, marketed, sold, and distributed
 20 AFFF from approximately 1964 through at least 2002. Defendant 3M specifically produced the
 21 chemical PFOS for use in AFFF and other PFAS-containing products. For the majority of its
 22 business manufacturing and distributing PFAS chemicals to companies for use in AFFF and

1 other PFAS-containing products, 3M has been the sole US manufacturer of PFOS. Defendant
 2 3M's PFOS was used in AFFF purchased for fire training and response at locations throughout
 3 the country, including, on information and belief, the Fire House where AFFF was released and
 4 has impacted Hannah Heights Property.

5 80. Defendant Tyco (successor in interest to Ansul) does business throughout the
 6 United States, including in Washington. Tyco, Ansul, and National Foam developed, designed,
 7 manufactured, marketed, sold, and distributed AFFF to firefighting training entities and facilities
 8 and other locations throughout the United States. After Tyco acquired Ansul in the 1990s, it
 9 continued to produce, distribute and sell Ansul and Ansulite AFFF products.

10 81. Defendant BASF does business throughout the United States, including in
 11 Washington. BASF is the successor-in-interest of Ciba Inc., which manufactured, distributed,
 12 and sold fluorosurfactants containing PFAS to AFFF manufacturers, including Ansul and
 13 Chemguard, from the 1970s to 2003. Ciba sold its fluorosurfactant business to Chemguard in
 14 2003 but retained pre-2003 liabilities. In July 2009, BASF acquired Ciba, retaining all Ciba
 15 liabilities. Ciba supplied Tyco with fluorosurfactants that Tyco utilized in its manufacture of
 16 AFFF. Ciba, and by association, BASF, acted as a partner to Tyco in bringing Tyco's Ansul and
 17 Ansulite products to market, and played an integral role in the development of Tyco's AFFF.

18 82. Fire drill logs documenting Fire District training activities at the Fire House show
 19 the Fire District used AFFF in its training activities from as early as 1992 to around 2018.

20 83. Records to date show the Fire District regularly purchased AFFF, specifically
 21 Ansul and Ansulite products, from L.N. Curtis & Sons between 2006 and 2016. Washington
 22
 23

1 Department of Health employees found containers of Ansulite 3% inside the Fire House as
 2 recently as 2023. Ansulite 3% is a Class B AFFF foam.

3 84. Ansul and Ansulite are Tyco brand products.

4 85. Ansul and Ansulite have been documented as containing PFOS.

5 86. PFAS contained in the AFFF the Fire District purchased is a source of
 6 contamination of Hannah Heights Property.

7 **E. Manufacturing Defendants knew and failed to provide notice that PFAS and PFAS-
 8 containing products are toxic.**

9 87. PFAS development began with 3M in the 1940s. At that time, 3M's Central
 10 Research Laboratory worked with Joseph H. Simons, a scientist at Penn State University, who
 11 had developed and patented a process of preparing fluorine compounds through electrochemical
 12 fluorination ("ECF").

13 88. In 1945, 3M acquired Mr. Simons' ECF patents. Three years later, 3M's Central
 14 Research developed fluorinated compounds that could be used for commercial applications.
 15 During that time, 3M scientists continuously researched and created new fluorochemicals; in the
 16 words of one researcher, "[a]lmost every day we made a new molecule which had never been
 17 made on the face of the earth before."⁵

18 89. Even in the early days of its fluorochemical research, 3M recognized the
 19 characteristics that make PFAS persistent pollutants in the environment. For example, Simons'
 20 1948 patent for the ECF process, which was assigned to 3M, stated that the compounds produced
 21 through ECF are non-corrosive, and of little chemical reactivity, and do not react with any of the
 22 metals at ordinary temperatures and react only with the more chemically reactive metals such as

23 ⁵ Neil McKay, A Chemical History of 3M: 1933-1990. <https://www.ag.state.mn.us/Office/Cases/3M/docs/PTX/PTX1365.pdf>.

1 sodium, at elevated temperatures. The patent also stated that the fluorochemicals produced by the
 2 ECF process do not react with other compounds or reagents due to the blanket of fluorine atoms
 3 surrounding the carbon skeleton of the molecule.⁶

4 90. Defendant 3M understood that the stability of the carbon-to-fluorine bonds
 5 prevented its fluorosurfactants from undergoing further chemical reactions or degrading under
 6 natural processes in the environment.⁷

7 91. The thermal stability of 3M's fluorosurfactants was also understood prior to
 8 commercial production. Simons' patent application further discloses that the fluorosurfactants
 9 produced by the ECF process were thermally stable at temperatures up to 750° C (1382° F).
 10 Additional research by 3M expanded the understanding of the thermal stability of
 11 perfluorocarbon compounds.⁸

12 92. In 1949, 3M built its first manufacturing facility to expand ECF from laboratory
 13 research to commercial production, and it began to present its fluorochemical research to find
 14 potential uses and customers for these compounds.

15 93. Even in 1950, 3M's research had already documented that PFAS accumulate in
 16 the blood of mice exposed to the chemicals in laboratory tests.⁹

17 94. A 1956 study at Stanford University concluded that the PFAS manufactured by
 18 3M binds to proteins in blood.

20 ⁶ Simons, J. H., Fluorination of Organic Compounds, U.S. Patent No. 2,447,717. August 24, 1948,
 https://www.ag.state.mn.us/Office/Cases/3M/docs/PTX/PTX1005.pdf.

21 ⁷ Simons, J. H., 1950. Fluorocarbons and Their Production. Fluorine Chemistry, 1(12): 401-
 422,https://www.ag.state.mn.us/Office/Cases/3M/docs/PTX/PTX3008.pdf.

22 ⁸ Bryce, T. J., 1950. Fluorocarbons - Their Properties and Wartime Development. FluorineChemistry, 1(13):
 423-462.

23 ⁹ 1950 3M test study results with Perfluorobutyric acid, https://static.ewg.org/reports/2019/pfa-
 timeline/1950_Mice.pdf?_ga=2.21758526.426747500.1673645134-2012946541.1673645134.

1 95. On information and belief, by the early 1960s, 3M also understood that PFAS are
 2 stable, persist in the environment, and do not degrade.

3 96. One 3M employee wrote in 1964, “This chemical stability also extends itself to all
 4 types of biological processes; there are no known biological organisms that are able to attack the
 5 carbon-fluorine bond in a fluorocarbon.”¹⁰ Thus, 3M knew by the mid-1960s that its
 6 fluorosurfactants were immune to chemical and biological degradation in soils and groundwater.

7 97. Defendant 3M also knew by 1964 that fluorocarbon carboxylic acids and
 8 fluorocarbon sulfonic acids, when dissolved, dissociated to form highly stable
 9 perfluorocarboxylate and perfluorosulfonate ions. Later studies by 3M on the adsorption and
 10 mobility of FC-95 (the potassium salt of PFOS) and FC-143 (the ammonium salt of PFOA) in
 11 soils indicated very high solubility and very high mobility in soils for both compounds.¹¹

12 98. By the end of the 1960s, additional research and testing performed by 3M
 13 indicated that fluorosurfactants, including at least PFOA, because of their unique chemical
 14 structure, were resistant to environmental degradation and would persist in the environment
 15 essentially unaltered if allowed to enter the environment.

16 99. In 1970, the authors of a scientific journal article conducted tests on a 3M product
 17 that contained PFAS and observed that it was “highly derogatory to marine life”; “the entire test
 18 program had to be abandoned to avoid severe local stream pollution.”

19 100. In 1975, independent toxicologists Drs. Warren Guy and Donald Taves reported
 20 that a then-unknown organic fluorine compound had been found widely in human blood samples

21
 22 ¹⁰ Bryce, H.G., Industrial and Utilitarian Aspects of Fluorine Chemistry (1964),
<https://www.ag.state.mn.us/Office/Cases/3M/docs/PTX/PTX3022.pdf>.

23 ¹¹ Technical Report Summary re : Adsorption of FC 95 and FC143 on Soil (Feb. 27, 1978),
<https://www.ag.state.mn.us/Office/Cases/3M/docs/PTX/PTX1158.pdf>.

1 from different blood banks. The toxicologists contacted 3M about “potential sources” for the
 2 chemical, but 3M “pleaded ignorance” and claimed to adopt a position of “scientific curiosity
 3 and desire to assist in any way.” Dkt. 2601 at 15. The toxicologists ultimately published their
 4 research in *Science*, identifying the organic fluorocompounds as “derived from commercial
 5 products.” Id.

6 101. Studies undertaken by 3M in the 1970s demonstrated that PFAS were even “more
 7 toxic than previously believed.”

8 102. In 1975, 3M scientist Richard Newmark authored an internal company report
 9 stating that the fluorine compound found in blood bank samplings “resembled most closely”
 10 PFOS, a chemical manufactured by 3M and used in 3M’s AFFF product. Id.

11 103. In 1976, a team headed by 3M scientists Don Hagan and Jon Belisle confirmed
 12 that “Guy and Taves’ spectra reflects the presence of PFOS.” Id. at 16. But in 1981, Jon Belisle
 13 published an article in *Science* stating that the compound that was the subject of the Guy and
 14 Taves article was not man-made, but rather a naturally occurring substance. Id.

15 104. Despite early warnings of the toxic, persistent, and bioaccumulative nature of
 16 PFOS and PFOA, these chemicals began to be used in a product that would be released in large
 17 quantities directly into the environment whenever used: firefighting foam.

18 105. A 1978 study by 3M on PFOA and PFOS specifically confirmed that “these
 19 chemicals are likely to persist in the environment for extended periods unaltered by microbial
 20 catabolism.”

21 106. In 1979, a 3M scientist recognized that PFAS posed a cancer risk because they are
 22 “known to persist for a long time in the body and thereby give long-term chronic exposure.”

107. In 1979, an internal company document showed PFOS were “water soluble,”
 2 “resistant to microbial degradation,” “highly mobile” in soil, and likely to end up in “waterways”
 3 as an “environmental sink for the product.” Id. at 19.

108. In the 1970s, 3M began a major program to review personnel handling of
 5 fluorochemicals. 3M’s monitoring confirmed that fluorochemicals could bioaccumulate.

109. The potential loss of profits drove 3M to engage in a deliberate campaign to
 7 influence the science relating to PFAS and, according to internal company documents, to
 8 conduct scientific “research” that it could use to mount “defensive barriers to litigation.”

110. Despite 3M’s research in the 1970s through the 1990s, 3M did not disclose any
 10 information on the health or environmental effects of PFOS outside the company. Instead, an
 11 internal document stated, “3M lawyers urge [Central Analytical Laboratory] not to release the
 12 true identity (PFOS) of the compound.” Id. at 16.

111. A key priority of an internal 3M committee was to “[c]ommand the science”
 14 concerning the “exposure, analytical, fate, effects, human health and ecological” risks posed by
 15 PFAS and for 3M to provide “[s]elective funding of outside research through 3M ‘grant’
 16 money.”

112. In exchange for providing grant money to researchers, 3M obtained the right to
 18 review and edit drafts of papers on PFAS and sought control over when and whether these papers
 19 were published at all.

113. From the 1970s onward, 3M conducted over a thousand studies on the properties
 21 of PFOS but never disclosed those studies to EPA or outside the company. Before 1998, 3M had
 22 released only 84 such studies. After 1998, 3M made long overdue disclosures of over 1,200
 23

1 additional studies, leading EPA to fine 3M \$1.5 million for withholding reports that “produced
 2 valuable, previously unreported information that will help the scientific community to better
 3 understand the presence of toxic substances in the environment.” Id. at 17.

4 114. A 1985 literature survey by NOSC concluded that “usage of AFFF and the
 5 disposal of AFFF-laden wastewater have the potential for an adverse impact on the environment
 6 -- these foams are potentially toxic due to the fluorocarbons and surfactants.” NOSC references
 7 toxicity studies showing impacts on a variety of organisms in the 1970s and 1980s. It also
 8 analyzes several studies conducted by 3M in 1980 showing AFFF’s lethality at various
 9 concentrations across a 96-hour timeframe. NOSC concludes these “earlier studies demonstrated
 10 that a wide range of toxic concentrations exist for a variety of organisms.”

11 115. In 1988, a 3M environmental specialist wrote in an internal memo, “I don’t think
 12 it is in 3M’s long-term interest to perpetuate the myth that these fluorochemical surfactants are
 13 biodegradable. It is probable that this misconception will eventually be discovered, and when
 14 that happens, 3M will likely be embarrassed, and we and our customers may be fined and forced
 15 to immediately withdraw products from the market.” Id.

16 116. In 1998, 3M revealed PFOS was in the blood of the general population, but it
 17 assured the public PFOS was safe. Internally, however, 3M’s Manager of Corporate
 18 Toxicologist, Dr. John Butenhoff, wrote about the need to “replace PFOS-based chemistry as
 19 these compounds [are] VERY persistent and thus insidiously toxic.” Id. Dr. Butenhoff
 20 considered a safe level of PFOS in blood to be 1.05 ppb. Id.

21 117. From the late 1960s to 2002, Defendant 3M manufactured and sold AFFF
 22 containing PFOS under the brand name “Light Water.”

1 118. Under pressure from EPA, on May 16, 2000, 3M announced it would phase out
 2 production of two synthetic chemicals, PFOS and PFOA, which it had developed more than 50
 3 years earlier. On information and belief, 3M ceased production of PFOS based AFFF in 2002.

4 119. An EPA internal memo on the day of 3M's phase-out announcement stated: "3M
 5 data supplied to EPA indicated that these chemicals are very persistent in the environment, have
 6 a strong tendency to accumulate in human and animal tissues and could potentially pose a risk to
 7 human health and the environment over the long term. [PFOS] appears to combine Persistence,
 8 Bioaccumulation, and Toxicity properties to an extraordinary degree."

9 120. In contrast, 3M stated in its news release on the same event that "our products are
 10 safe," while extolling their "principles of responsible environmental management" as driving the
 11 decision to cease their production.

12 121. As part of the multi-year phase-out, 3M engaged in a damage-control campaign to
 13 influence its customers' reactions to the phase-out and encourage them to continue buying its
 14 toxic, and therefore useless, PFOS- and PFOA-based products during the phase-out period and,
 15 on information and belief, possibly longer.

16 122. Manufacturer Defendants had a duty, which they breached, to notify EPA when
 17 they had reason to believe that a substance or mixture—such as PFAS—presented a substantial
 18 risk of injury to health or the environment.

19 123. Manufacturer Defendants treated their foam formulations as proprietary
 20 information and did not disclose the specific chemical ingredients of their formulations to
 21 government agencies or the public.

1 124. Manufacturer Defendants understood how stable the fluorinated surfactants used
2 in AFFF are when released into the environment from its first sale to a customer, yet they failed
3 to warn their customers or provide reasonable instruction on how to manage wastes generated
4 from their products.

5 125. Before about 1983, no containment measures were listed in MSDSs, nor were the
6 dangers to health or the environment inherent in AFFF disclosed in the instructions, warning
7 labels, or product packaging for AFFF.

8 126. By about 1983, MSDSs for certain AFFF products directed users to collect AFFF
9 before discharging to a wastewater treatment system and/or to contain liquid materials containing
10 PFAS to prevent spilled material from reaching sewers or waterways.

11 127. By 2010, SDSs for certain AFFF products directed users to contain accidental
12 releases by stopping the flow of the material, utilizing a dike for the spilled material, and
13 preventing entry into waterways, sewers, basements, or confined spaces. For large spill releases,
14 SDS procedures required diking the spill for later disposal; use of noncombustible materials such
15 as vermiculite, sand, or earth to soak up the product; and containerizing the product for later
16 disposal.

17 128. By 2010, following product recovery, SDS procedures for certain AFFF products
18 required flushing the area with water and cleaning the surface thoroughly to remove residual
19 contamination. MSDSs for some AFFF products provided instructions for users not to release
20 AFFF to local wastewater treatment plant without permission.

21 129. Between about 1983 and the present, the MSDSs and SDSs, instructions, warning
22 labels, and product packaging did not fully describe or adequately warn users of AFFF health
23

1 and environmental risks, or of all precautions they should take—risks and precautions that
 2 Manufacturer Defendants knew or should have known existed or were necessary.

3 130. In the 1970s, 3M began making AFFF that included shorter carbon chain PFAS.
 4 On information and belief, those other PFAS also are highly soluble, persistent, bioaccumulative,
 5 and toxic to humans.

6 131. In 2006, EPA initiated a “PFOA Stewardship Program” with an ultimate goal of
 7 phasing out the use of AFFF Products containing PFOA by 2015. EPA asked “the eight major
 8 companies in the PFASs industry” to commit to eliminate PFOA from their products by 2015.
 9 These companies were Arkema, Asahi Glass Co. (predecessor to AGC, Inc.), BASF, Clariant,
 10 Daikin, 3M, Old DuPont, and Solvay Solexis. The PFOA Stewardship Program was widely
 11 publicized, and all eight companies made public promises to phase out their use of PFOA by
 12 2015.

13 132. In 2009, EPA announced a Long-Chain Perfluorinated Chemicals Action Plan
 14 that discussed the agency’s intent to go beyond the PFOA Stewardship Program and pursue the
 15 elimination of “long-chain PFCs” (which include PFOA and other PFAS chemicals) from all
 16 manufacturers’ products, as well as other goals related to eliminating many other types of PFAS.

17 133. Manufacturer Defendants were aware of EPA’s PFOA phase-out program and
 18 took steps during the phase-out period to replace their existing foam products, which used PFAS
 19 with eight or more carbon atoms, such as PFOA (“Long Chain PFAS”), with products that used
 20 fewer than eight carbon atoms (“Short Chain PFAS”).

21 134. On information and belief, Manufacturer Defendants had reason to believe their
 22 Long Chain PFAS-containing foam products would be unmarketable after the 2015 phase-out

1 deadline, yet continued to market, sell, and provide instructions for the use of Long Chain AFFF
2 Products throughout the PFOA Stewardship Program and other EPA actions aimed at eliminating
3 PFAS use, in order to offload inventory that was or would soon be rendered valueless by
4 regulatory pressure and environmental and health concerns.

5 135. On information and belief, existing stocks of PFOA and PFOS may still be used,
6 and PFOA and PFOS may be contained in some imported articles.

7 136. In the 1970s, Manufacturer Defendants began making AFFF that included shorter
8 carbon chain PFAS. Those other PFAS also are highly soluble, persistent, bioaccumulative, and
9 toxic to humans.

10 137. Short Chain PFAS also accumulate in blood and other tissues and will persist
11 indefinitely in the environment, posing threats to the environment and health.

12 138. Short Chain PFAS are also difficult to remove from the environment and can
13 break through carbon filtration systems, possibly more easily than Long Chain PFAS.

14 139. On information and belief, Manufacturer Defendants knew AFFF and other
15 PFAS-containing products developed with Short Chain PFAS were still harmful and viewed such
16 products as a stopgap measure to enable their continued sales even as they understood the
17 industry was moving towards PFAS-free foams.

18 140. On information and belief, there are at least 24 firefighting foam products
19 currently on the market that do not contain PFAS, including products manufactured by Angus
20 Fire LTD., Auxquimia, S.A.U., Dafo Fomtec AB, and The Solberg Company, which are
21 economically and technologically feasible.

1 141. In 2018, the State of Washington passed the Firefighting Agents and Equipment
 2 law, which prohibits any person, local government, or state agency from discharging or
 3 otherwise using for training purposes class B firefighting foam that contains intentionally added
 4 PFAS chemicals. RCW 70A.400.010. Before this law was passed, however, Fire Districts like
 5 San Juan County Fire District No. 3 were permitted to discharge class B (AFFF) firefighting
 6 foam for training purposes.

7 **F. The Fire District used and released AFFF at the Fire House.**

8 142. The Fire House is located at 3189 Bailer Hill Road, Friday Harbor, Washington
 9 98250. The Fire House is within 50 feet of Well 2, which has supplied roughly 70-80% of
 10 Hannah Heights' drinking water.

11 143. Fire District personnel used AFFF in training exercises and other activities at the
 12 Fire House.

13 144. The Fire District discharged and disposed spent AFFF to the environment at and
 14 around the Fire House. The Fire District's discharge and disposal of spent AFFF, including its
 15 PFAS components, includes, but is not limited to, releases and discharges into soil and water
 16 pathways that impact Hannah Heights property.

17 145. The Fire District conducted AFFF training at the Fire House from at least 1992 to
 18 2018. The training consisted of AFFF application demonstrations, where firefighters would
 19 apply the foam "to the ground", "against a wall, tank, or similar object," and "into the air...and
 20 allowed to float down onto the fuel." Training guidance also directed the Fire District to set up a
 21 simulated fuel spill and/or fire and have the firefighters respond to the location by applying
 22 AFFF.

1 146. On information and belief, the Fire District discharged AFFF to the soil and
 2 groundwater at and around the Fire House, as was standard practice for such training activities.

3 **G. Hannah Heights has been damaged by Defendants' actions, and that damage is ongoing.**

4 147. Due to Manufacturing Defendants' manufacture, marketing, sale, and distribution
 5 of AFFF and other PFAS-containing products, and the Fire District's storage, handling, use, and
 6 uncontrolled disposal of AFFF at the Fire House, Hannah Heights has suffered injury to its
 7 property and economic injury.

8 148. On information and belief, the Fire District, and its employees, and personnel,
 9 operated at and used the Fire House. The Fire District is now and has been responsible for
 10 activities and operations at the Fire House.

11 149. The Fire District stored AFFF at the Fire House.

12 150. The Fire District used AFFF at and around the Fire House.

13 151. The Fire District discharged and disposed of PFAS into the environment,
 14 including by spraying, storing, and placing AFFF on land and in water at and around the Fire
 15 House.

16 152. Groundwater from and beneath the Fire House flows into and is connected to
 17 Hannah Heights' drinking water wells.

18 153. PFAS released at and around the Fire House have contaminated Hannah Heights'
 19 real property, water rights, wells, and systems, impairing Hannah Heights' water rights.

20 154. The PFAS contamination prevents Hannah Heights from fully utilizing its
 21 property, including its water rights and wells at and in the vicinity of the Fire House.

1 155. Hannah Heights tested its Well 2 in May 2023. Testing identified five PFAS
2 chemicals at levels exceeding the respective SALs and MCLs issued by the Washington
3 Department of Health and EPA under WAC 246-290 and the Safe Drinking Water Act: PFOS,
4 PFHxS, PFOA, PFNA, and PFBS. Of these, PFOS was detected at 9400 ppt, two thousand three-
5 hundred and fifty times EPA's 4 ppt MCL and over six-hundred and twenty-six times the 15 ppt
6 SAL; PFHxS at 7550 ppt, seven hundred and fifty-five times the 10 ppt MCL and over one-
7 hundred and sixteen times the 65 ppt SAL; and PFOA at 373 ppt, over ninety-three times the 4
8 ppt MCL and over thirty-seven times the 10 ppt SAL. These levels are believed to be the highest
9 encountered to date in a Washington public water system.

10 156. Hannah Heights has historically relied on meeting its total water supply
11 requirements through its rights to groundwater in its Well 2, located immediately adjacent to, and
12 downhill from, the Fire House. Because PFAS levels in groundwater at Hannah Heights' Well 2
13 exceeded the Health Advisory limits, however, Hannah Heights shut down this well in 2023. It
14 therefore cannot fully utilize its groundwater and other property rights.

15 157. Hannah Heights has been actively seeking options for alternative water sources
16 and treatment systems. Hannah Heights has had water trucked into the neighborhood and brought
17 its Well 3 online to supplement drinking water supplies while the contaminated Well 2 is offline,
18 so it can receive and deliver uncontaminated water to its residential customers. Hannah Heights
19 pays for the water it has been trucking into the area to partially and temporarily replace its
20 contaminated groundwater supply. But for the PFAS contamination, Hannah Heights would not
21 have incurred these costs. Hannah Heights may require a substitute water supply if it cannot
22 bring Well #2 back online due to contamination.

1 158. Hannah Heights has also pursued procuring well easements to drill outside the
2 neighborhood where potential water sources exist, but these efforts have been unsuccessful due
3 to limited water supplies. As there are few other areas within the Hannah Heights neighborhood
4 where a well could provide an adequate water supply, Hannah Heights has also been seeking
5 treatment options for Well 2, or any other new well that may need to be drilled in the
6 contaminated area before the area is fully remediated.

7 159. Hannah Heights' additional water costs as a water provider include but are not
8 limited to: assure water quality in compliance with mandatory federal MCLs; sample and
9 analyze water and other media for PFAS; respond to public inquiries and manage public relations
10 regarding the contamination; assess future costs of water treatment that include installing,
11 operating, and maintaining filtration systems; conduct pilot study for new treatment system;
12 increase the frequency of water quality testing and monitoring; and construct a new water system
13 and related distribution system.

14 160. Hannah Heights cannot rely on alternative water sources to replace its lost water
15 sources indefinitely. Its lack of alternative options reduces Hannah Heights' ability to weather a
16 drought.

17 161. The PFAS contamination caused by Defendants is not contained and continues to
18 concentrate in Hannah Heights property and groundwater supplies.

19 162. If Hannah Heights' contaminated property and water sources are not remediated,
20 PFAS contamination will continue to impact Hannah Heights property and water rights far into
21 the future due to the nature of PFAS, as described above.

**VI. FIRST CLAIM FOR RELIEF – MTCA AND DECLARATORY JUDGMENT
(MANUFACTURING DEFENDANTS AND DEFENDANT FIRE DISTRICT)**

163. Hannah Heights incorporates all averments in this Complaint as if restated fully herein.

164. Defendants are persons as defined in RCW 70A.305.020(24).

165. Under RCW 70A.305.020(13), the PFAS disposed of, deposited, and/or handled at the Fire House are “hazardous substances,” as all types of PFAS are “hazardous substances” under MTCA. WAC 173-303-090—100.¹²

166. A release is “any intentional or unintentional entry of any hazardous substance into the environment, including but not limited to the abandonment or disposal of containers of hazardous substances.” Wash. Admin. Code § 173-340-200. The use of hazardous substances at the Fire House and other locations in Hannah Heights where AFFF was released constituted, and continue to constitute, releases for which remedial investigation and action has been and will continue to be necessary at the facility within the meaning of RCW 70A.305.040(1)(e).

167. During the period of the Fire District's operation of the Fire House, "releases" of "hazardous substances" occurred from the Fire House, as these terms are respectively defined in RCW 70.105D.020(32) and (13).

168. The Fire House and every place at which AFFF and other PFAS-containing products originating from the Fire House came to be located on Hannah Heights Property, including its drinking water supplies to which Hannah Heights has rights, constitute “facilities” as defined in RCW 70A.305.020(8).

¹² See also Wash. Dep’t of Ecology, *Focus on PFAS*, Pub. No. 21-09-060 (Oct. 2021), <https://apps.ecology.wa.gov/publications/documents/2109060.pdf>.

1 169. The Fire District currently operates at and at all relevant times operated at the
2 facilities within the meaning of RCW 70.105D.040(1)(a) and RCW 70.105D.020(22) when
3 PFAS were released into the environment at and around the facilities.

4 170. In purposefully discharging AFFF on Hannah Heights Property for decades
5 without taking adequate measures to contain AFFF or the PFAS therein, the Fire District also
6 arranged for disposal of AFFF containing PFAS with the intent to dispose of the AFFF.

7 171. The Fire District is therefore a “person” liable under RCW 70.305.040(1)(e).

8 172. Manufacturing Defendants are persons who owned or possessed PFAS, hazardous
9 substances, and who by contract, agreement, or otherwise arranged for disposal or treatment of
10 the hazardous substance at the Fire House and every place at which AFFF came to be located on
11 Hannah Heights Property.

12 173. Manufacturing Defendants are also persons who sold hazardous substances and,
13 on information and belief, were responsible for written instructions for their use within the
14 meaning of RCW 70A.305.040(1)(e).

15 174. On information and belief, the releases of hazardous substances at the Fire House
16 and other locations throughout Hannah Heights where AFFF was released occurred according to
17 the instructions provided by Manufacturing Defendants.

18 175. Manufacture Defendants are therefore each a “person” liable under RCW
19 70.305.040(1)(e).

20 176. These releases caused and will continue to cause Hannah Heights to take and/or
21 fund “remedial actions” as defined in RCW 70A.305.020(33).

1 177. These remedial actions are and will continue to be, when evaluated as a whole,
 2 substantially equivalent to remedial action conducted or supervised by Ecology.

3 178. The Fire District's releases of hazardous substances at the facility have resulted in
 4 Hannah Heights incurring remedial action costs and attorneys' fees, and have further resulted in
 5 Hannah Heights' need to incur future costs, including attorneys' fees, as a result of those actions.

6 179. Manufacturing Defendants' sale of hazardous substances and provision of
 7 instructions on the use of said substances have resulted in Hannah Heights incurring remedial
 8 action costs and have further resulted in Hannah Heights' need to incur future costs, including
 9 attorneys' fees, as a result of those actions.

10 180. Pursuant to RCW 70A.305.040(2) and RCW 70A.305.080, Defendants are
 11 strictly, jointly, and severally liable for any and all past and future costs related to the
 12 investigation and remediation of hazardous substances released at or from the facility, including
 13 any costs or attorneys' fees relating to releases or threatened releases of hazardous substances at,
 14 on, or from the facility.

15 181. Under RCW 70A.305.080 and RCW 7.24.010, Hannah Heights is entitled to a
 16 declaratory judgment that Defendants are strictly and jointly and severally liable for any and all
 17 past and future costs related to the investigation and remediation of hazardous substances
 18 released at the facility, including any costs or attorneys' fees incurred by Hannah Heights
 19 relating to releases or threatened releases of hazardous substances at, on, or from the facility.

20 **VII. SECOND CLAIM FOR RELIEF – COMPREHENSIVE ENVIRONMENTAL
 21 RESPONSE, COMPENSATION, AND LIABILITY ACT (MANUFACTURING
 22 DEFENDANTS AND DEFENDANT FIRE DISTRICT)**

23 182. Hannah Heights incorporates all averments in this Complaint as if restated fully
 herein.

1 183. Manufacturing Defendants and Defendant Fire District are “persons,” as defined
 2 by CERCLA § 101(21), 42 U.S.C. § 9601(21).

3 184. The Fire House and other locations that PFAS has come to be located on and in
 4 Hannah Heights Property are “facilities,” as defined by CERCLA § 101(9), 42 U.S.C. § 9601(9).

5 185. PFOA and PFOS are “hazardous substances” under CERCLA, 42 U.S.C. §
 6 9601(14); see 42 U.S.C. § 6921.

7 186. Other PFAS are expected to constitute hazardous substances once they are
 8 designated as hazardous wastes under RCRA. 42 U.S.C. § 9601(14) (“hazardous substances”
 9 include “any hazardous waste having the characteristics identified under or listed pursuant to
 10 section 3001 of the Solid Waste Disposal Act [42 U.S.C. § 6921].”); 42 U.S.C. § 6921 (listing
 11 characteristics of “hazardous wastes” under RCRA); 42 U.S.C. § 6903(5) (same). That is, PFAS
 12 beyond just PFOA and PFOS “cause, or significantly contribute to an increase in mortality or an
 13 increase in serious irreversible, or incapacitating reversible, illness” and “pose a substantial
 14 present or potential hazard to human health or the environment” because they have been
 15 “improperly treated, stored, transported, or disposed of, or otherwise managed.”

16 187. The Fire District currently operates at and at all relevant times operated at the
 17 facilities when PFAS were released into the environment at and around the facilities, as defined
 18 by CERCLA § 101(9), 42 U.S.C. § 9601(9).

19 188. In purposefully discharging AFFF on Hannah Heights Property for decades
 20 without taking adequate measures to contain AFFF or the PFAS therein, the Fire District also
 21 arranged for disposal of AFFF containing PFAS with the intent to dispose of the AFFF.

1 189. The Fire District is therefore a “person” liable under CERCLA § 107(a)(1)-(3), 42
2 U.S.C. § 9607(a)(1)-(3).

3 190. Manufacturing Defendants arranged for the disposal of PFAS from locations
4 within Hannah Heights, by designing, manufacturing, marketing, selling, and providing
5 instructions for the use of AFFF and other PFAS-containing products with the knowledge and
6 specific intent that such products were hazardous and would be disposed into the environment in
7 the course of the products’ typical use.

8 191. On information and belief, Manufacturer Defendants continued to design,
9 manufacture, market, sell, and provide instructions for the use of AFFF products after and
10 despite becoming aware of the nature of PFAS in AFFF as hazardous substances.

11 192. On information and belief, Manufacturing Defendants knew that their PFAS-
12 containing products were harmful to humans and the environment and intentionally shielded that
13 information from others.

14 193. On information and belief, Manufacturing Defendants continued selling PFAS-
15 containing products despite the environmental risks of which they were aware during phase-out
16 periods.

17 194. While doing so, Manufacturing Defendants were aware that their AFFF and other
18 PFAS-containing products were likely to be globally phased out of the U.S. market under
19 pressure from EPA, yet continued to sell these products with the intent to dispose of them before
20 anticipated regulatory actions would have precluded such sales.

21 195. Defendant 3M in 2000 announced it would cease production and use of PFOS and
22 PFOA. At this time, 3M knew or should have known that its products containing these chemicals

1 posed serious environmental risks that, if known by the entities to whom 3M sold its products,
 2 would likely have caused some of those buyers to decline to buy 3M's products.

3 196. During the period in which 3M had knowledge of the serious risks posed by its
 4 PFAS-containing AFFF, including the period following 3M's 2000 announcement of the phase-
 5 out, disposal was, on information and belief, a primary benefit to 3M in selling its AFFF
 6 products. Revenues from AFFF sales were incidental to the primary benefit of disposing of
 7 hazardous substances at no cost.

8 197. On information and belief, Defendants Tyco and BASF also knew or should have
 9 known that their AFFF products containing PFAS posed serious environmental risks that, if fully
 10 understood by its customers, would have either precluded or at minimum reduced their sales of
 11 these products.

12 198. On information and belief, before and during the EPA PFOA Stewardship
 13 Program under which PFOA manufacturing and use was phased out in the United States,
 14 Manufacturer Defendants were aware that their Long Chain PFAS-containing foams would
 15 become unmarketable and/or unsaleable after the 2015 phase-out deadline.

16 199. On information and belief, given their knowledge of environmental risks posed by
 17 their products and the impending phase-out deadline for PFOA, disposal of excess inventory of
 18 unusable hazardous substances was a primary goal and benefit to Manufacturer Defendants as
 19 they continued to sell these products during this period.

20 200. Manufacturing Defendants are each therefore a "person" liable under CERCLA §
 21 107(a)(3), 42 U.S.C. § 9607(a)(3).

1 201. Manufacturing Defendants' and the Fire District's disposal of PFAS are
 2 "releases" within the meaning of CERCLA § 101(22), 42 U.S.C. § 9601(22), and have resulted
 3 in the contamination of Hannah Heights Property.

4 202. Manufacturing Defendants and the Fire District are responsible for PFAS releases
 5 that have caused Hannah Heights to incur, and continue to incur, "response costs" within the
 6 meaning of CERCLA §§ 101(23)-(25), 42 U.S.C. §§ 9601(23)-(25).

7 203. All such costs are necessary and consistent with the National Contingency Plan.
 8 40 CFR Pt. 300. As described elsewhere, Hannah Heights' response is commensurate to the
 9 public health threat and treatment needs posed by PFAS contamination of Hannah Heights'
 10 water supplies. In addition, all response costs for which Hannah Heights seeks recovery were or
 11 will be incurred through a decision-making process guided by a preliminary assessment/site
 12 inspection, field sampling plan, quality assurance project plan, and engineering evaluation/cost
 13 analysis, or the substantial equivalents thereof.

14 204. Hannah Heights is entitled to full reimbursement from Manufacturing Defendants
 15 and the Fire District for all such response costs, pursuant to CERCLA § 107(a), 42 U.S.C. §
 16 9607(a), as well as a declaratory judgment under CERCLA § 113(g)(2), 42 U.S.C. § 9613(g)(2),
 17 of liability for response costs that will be binding in any subsequent action to recover further
 18 response costs.

19 205. Accordingly, Defendants are strictly, jointly, and severally liable under CERCLA
 20 § 107(a), 42 U.S.C. § 9607(a), for all response costs incurred by Hannah Heights.

VIII. THIRD CLAIM FOR RELIEF – NEGLIGENCE (MANUFACTURING DEFENDANTS AND DEFENDANT FIRE DISTRICT)

206. Hannah Heights hereby incorporates by reference the allegations contained in the preceding paragraphs of this Complaint as if fully set forth herein.

207. Defendants negligently discharged and disposed of PFAS and are failing to remediate PFAS contamination.

208. In Washington, a defendant is negligent when the defendant owes a duty to the plaintiff, the defendant breaches that duty, and the defendant's breach causes injury to the plaintiff. *Keller v. City of Spokane*, 44 P.3d 845, 848 (Wash. 2002).

209. Manufacturing Defendants had a duty to manufacture and/or market, distribute, and sell their AFFF and other PFAS-containing products in a manner that avoided contamination of the environment, including municipal water supplies, and avoided harm to those who would foreseeably come into contact with its chemical components.

210. Manufacturing Defendants knew or should have known that the manufacture of
AFFF and other PFAS-containing products was hazardous to human health and the environment.

211. Manufacturing Defendants further knew or should have known that it was unsafe and/or unreasonably dangerous to manufacture AFFF and other PFAS-containing products using PFAS because it was highly probable that the chemicals would migrate into the environment, including the environment at the Fire House and other locations impacting Hannah Heights Property, and contaminate groundwater used as a public water supply and other locations.

212. Knowing of the dangerous and hazardous properties of AFFF and other PFAS-containing products, Manufacturing Defendants had the duty to warn of the hazards of consuming water containing PFAS.

1 213. Hannah Heights was a foreseeable victim of the harm caused by the chemical
2 components of Manufacturing Defendants' AFFF and other PFAS-containing products.

3 214. Manufacturing Defendants negligently designed, engineered, developed,
4 fabricated, and tested AFFF and other PFAS-containing products, negligently manufactured,
5 and/or distributed and sold AFFF and other PFAS-containing products, and negligently created
6 the associated warnings and instructions.

7 215. Manufacturing Defendants thereby failed to exercise reasonable care to prevent
8 AFFF and other PFAS-containing products and their components from presenting an
9 unreasonable risk to the health of persons who would come in contact with them. Manufacturing
10 Defendants also failed to exercise reasonable care to prevent contamination of public water
11 supplies, including Hannah Heights' water supply.

12 216. Manufacturing Defendants' negligent design, engineering, development,
13 fabrication, testing, warnings, and instructions constitute a pattern of continuous and ongoing
14 tortious conduct.

15 217. Manufacturing Defendants have engaged and continue to engage in discrete acts
16 of negligent design, engineering, development, fabrication, testing, warnings, and instructions.

17 218. On information and belief, Manufacturing Defendants have not recalled their
18 AFFF and other PFAS-containing products.

19 219. Manufacturing Defendants' breaches of their legal duties have caused PFAS to
20 contaminate the groundwater used by Hannah Heights for supplying drinking water.

21 220. Manufacturing Defendants have caused, and will continue to cause, damage to
22 Hannah Heights Property due to their negligent manufacture and/or distribution and sale of

1 AFFF and other PFAS-containing products, as well as their negligent misrepresentation and
2 failure to warn regarding the dangers of PFAS.

3 221. Defendant Fire District had a duty to store, handle, and properly dispose of the
4 AFFF it used for training purposes in a manner that avoided contamination of the environment,
5 including Hannah Heights' water supplies, and avoided harm to those who would foreseeably
6 come into contact with its chemical components.

7 222. Defendant Fire District negligently stored, used, handled, and released AFFF
8 during training events and other activities at the Fire House on Hannah Heights Property.

9 223. Hannah Heights was a foreseeable victim of the harm caused by the Fire District's
10 negligent storage, use, handling, and release of AFFF during training events and other activities
11 at the Fire House on Hannah Heights Property.

12 224. Defendant Fire District thereby failed to exercise reasonable care to prevent AFFF
13 and its components from presenting an unreasonable risk to the health of persons who would
14 come in contact with them. The Fire District also failed to exercise reasonable care to prevent
15 contamination of public water supplies, including Hannah Heights' water supply.

16 225. Defendant Fire District's breaches of its legal duties have caused PFAS to
17 contaminate the groundwater used by Hannah Heights for supplying drinking water.

18 226. Defendant Fire District has caused, and the impacts of its negligent acts will
19 continue to cause, damage to Hannah Heights Property due to its negligent storage, use, and
20 handling of AFFF during training events and other activities at the Fire House on Hannah
21 Heights Property.

1 227. Defendants' negligent, reckless and/or intentional acts and omissions alleged
 2 herein contaminated Hannah Heights' water supplies with PFAS.

3 228. Defendants' acts were willful, wanton, or reckless and conducted with a reckless
 4 indifference to the rights and property of Hannah Heights.

5 229. Defendants' conduct, and the resulting contamination of Hannah Heights Property
 6 by the chemical components of AFFF, has caused and will continue to cause Hannah Heights to
 7 incur significant costs.

8 230. Hannah Heights' costs include but are not limited to those to: assure water quality
 9 in compliance with mandatory federal MCLs; sample and analyze water and other media for
 10 PFAS; respond to public inquiries and manage public relations regarding the contamination;
 11 assess future costs of water treatment that include installing, operating, and maintaining filtration
 12 systems; conduct a pilot study for a new treatment system; increase the frequency of water
 13 quality testing and monitoring; construct a new water system and related distribution system;
 14 manage and dispose of other media; and additional response costs necessary for Hannah Heights
 15 to address the PFAS contamination affecting its property and rights.

16 **IX. FOURTH CLAIM FOR RELIEF – DEFECTIVE PRODUCT – FAILURE TO
 17 WARN (MANUFACTURING DEFENDANTS)**

18 231. Hannah Heights hereby incorporates by reference the allegations contained in the
 19 preceding paragraphs of this Complaint as if they were fully set forth herein.

20 232. This cause of action is brought pursuant to Washington State statutory law to
 21 include but not limited to Chapter 7.72 RCW.

22 233. Under Washington State law, "a product manufacturer is subject to liability...if
 23 the claimant's harm was proximately caused by the negligence of the manufacturer in that the

1 product was not reasonably safe as designed or not reasonably safe because adequate warnings or
 2 instructions were not provided.” RCW 7.72.030(1).

3 234. Although RCW 7.72.030(1) expresses a negligence liability standard, the
 4 Washington State Supreme Court has held that “[t]he adequacy of a manufacturer’s warnings are
 5 to be measured under Washington’s strict liability test.” *Taylor v. Intuitive Surgical, Inc.*, 389
 6 P.3d 517, 528 (Wash. 2017) (applying strict liability standard established in Restatement
 7 (Second) of Torts § 402A (Am. Law Inst. 1965) to failure to warn claim).

8 235. A product is not reasonably safe due to inadequate warnings or instructions if “at
 9 the time of manufacture, the likelihood that the product would cause the claimant’s harm or
 10 similar harms, and the seriousness of those harms, rendered the warnings or instructions of the
 11 manufacturer inadequate and the manufacturer could have provided the warnings or instructions
 12 which the claimant alleges would have been adequate.” RCW 7.72.030(1)(b).

13 236. Where a manufacturer learned, or where a reasonably prudent manufacturer
 14 should have learned, about a danger connected with the product after it was manufactured, and
 15 did not then provide adequate warnings or instructions, the product is not reasonably safe. RCW
 16 7.72.030(1)(c).

17 237. In such a case, the manufacturer is under a duty to issue warnings or instructions
 18 in the manner of a reasonably prudent manufacturer in the same or similar circumstances. This
 19 duty is satisfied if the manufacturer exercises reasonable care to inform product users. *Id.*

20 238. At all times relevant, Manufacturing Defendants were in the business of, among
 21 other things, manufacturing and/or selling and distributing AFFF and other PFAS-containing
 22 products.

1 239. As a manufacturer and/or seller and distributor of a commercial product,
2 Manufacturing Defendants had a duty to provide adequate, full instructions, and warnings about
3 the risks of injury posed by their products.

4 240. Considering the factors related to risk, foreseeability, social utility, the burden of
5 guarding against the harm, and the practical consequences of placing that burden on
6 Manufacturing Defendants, Manufacturing Defendants owed a cognizable duty to Hannah
7 Heights not to contaminate Hannah Heights Property with AFFF containing dangerous levels of
8 PFAS.

9 241. The storage, use, handling, and release of AFFF during training events and other
10 activities at the Fire House on Hannah Heights Property was foreseeable. Manufacturing
11 Defendants knew or should have known there was a high likelihood that PFAS from AFFF and
12 other PFAS-containing products would enter the soil and groundwater, persist there indefinitely,
13 cause risks to human health and the environment, and harm Hannah Heights Property.

14 242. At the time of the design, manufacture and/or distribution and sale of the AFFF
15 and other PFAS-containing products, Manufacturing Defendants knew or should have known of
16 the dangerous properties of its AFFF and other PFAS-containing products.

17 243. On information and belief, Manufacturing Defendants at significant times failed
18 to provide sufficient instructions and warnings to the users of AFFF and other PFAS-containing
19 products, including the firefighters using AFFF and other PFAS-containing products for training
20 purposes at the Fire House. As a result, users were unaware that use and release of
21 Manufacturing Defendants' AFFF and other PFAS-containing products to the environment

1 would contaminate groundwater, including drinking water supplies, and cause risks to those
2 exposed to the water supplies.

3 244. On information and belief, Manufacturing Defendants failed to provide adequate
4 instructions and warnings to users that AFFF and other PFAS-containing products contamination
5 of the groundwater and soil would pose dangers to human health and the environment at
6 significant times.

7 245. Adequate instructions and warnings would have reduced or avoided the
8 foreseeable risks of harm posed by the use and release of AFFF and other PFAS-containing
9 products.

10 246. Manufacturing Defendants' failure to provide adequate instructions and warnings
11 constitutes a pattern of continuous and ongoing tortious conduct.

12 247. Had Manufacturing Defendants provided adequate warnings, users of AFFF and
13 other PFAS-containing products would have taken measures to store, use, discharge, and dispose
14 of AFFF and other PFAS-containing products in such a manner as to reduce or eliminate
15 contamination of groundwater and soil.

16 248. Manufacturing Defendants' failure to warn against the likelihood of
17 contamination from their AFFF and other PFAS-containing products caused its chemical
18 components, including PFAS, to contaminate Hannah Heights Property.

19 249. Manufacturing Defendants' failure to warn of the environmental and health
20 impacts caused by releasing their AFFF and other PFAS-containing products and the chemical
21 components of their AFFF and other PFAS-containing products directly and proximately caused
22
23

1 PFAS to contaminate Hannah Heights Property, causing Hannah Heights to lose the use and
 2 benefit of its property and to incur costs to respond to the contamination.

3 250. Manufacturing Defendants' failure to provide adequate warnings or instructions
 4 renders Manufacturing Defendants' AFFF and other PFAS-containing products defective.

5 251. Manufacturing Defendants' conduct, and the resulting contamination of
 6 groundwater by Manufacturing Defendants' AFFF and other PFAS-containing products, has
 7 caused and will continue to cause Hannah Heights to incur significant costs.

8 252. Hannah Heights' costs include but are not limited to those to: assure water quality
 9 in compliance with mandatory federal MCLs; sample and analyze water and other media for
 10 PFAS; respond to public inquiries and manage public relations regarding the contamination;
 11 assess future costs of water treatment that include installing, operating, and maintaining filtration
 12 systems; conduct a pilot study for a new treatment system; increase the frequency of water
 13 quality testing and monitoring; construct a new water system and related distribution system;
 14 manage and dispose of other media; and additional response costs necessary for Hannah Heights
 15 to address the PFAS contamination affecting its property and rights.

16 **X. FIFTH CLAIM FOR RELIEF – DEFECTIVE PRODUCT – DESIGN
 17 DEFECT (MANUFACTURING DEFENDANTS)**

18 253. Hannah Heights hereby incorporates by reference the allegations contained in the
 19 preceding paragraphs of this Complaint as if fully set forth herein.

20 254. This cause of action is brought pursuant to Washington State statutory law,
 21 including but not limited to Chapter 7.72 RCW.

22 255. Under Washington law, "a product manufacturer is subject to liability...if the
 23 claimant's harm was proximately caused by the negligence of the manufacturer in that the

1 product was not reasonably safe as designed or not reasonably safe because adequate warnings or
 2 instructions were not provided.” RCW 7.72.030(1).

3 256. “A product is not reasonably safe as designed, if, at the time of manufacture, the
 4 likelihood that the product would cause the claimant’s harm or similar harms, and the
 5 seriousness of those harms, outweighed the burden on the manufacturer to design a product that
 6 would have prevented those harms, and the adverse effect that an alternative design that was
 7 practical and feasible would have on the usefulness of the product.” RCW 7.72.030(1)(a).

8 257. At all times relevant, Manufacturing Defendants were in the business of, among
 9 other things, manufacturing, selling, and/or distributing AFFF and other PFAS-containing
 10 products.

11 258. It was foreseeable that toxic chemicals from the AFFF and other PFAS-containing
 12 products that Manufacturing Defendants manufactured and/or sold and distributed would enter
 13 the water supplies of Hannah Heights and cause damage to its property interests.

14 259. Alternative designs and formulations of AFFF and other PFAS-containing
 15 products were available, technologically feasible and practical, and would have reduced or
 16 prevented the reasonably foreseeable risks of harm to Hannah Heights.

17 260. Further, design, formulation, manufacture, and/or distribution and sale of a
 18 product containing chemicals that were so toxic, mobile, and persistent in the environment was
 19 unreasonably dangerous.

20 261. The AFFF and other PFAS-containing products manufactured and/or distributed
 21 and sold by Manufacturing Defendants were defective in design because the foreseeable risk of
 22 harm posed by the AFFF and other PFAS-containing products could have been reduced or

1 eliminated by the adoption of a reasonable alternative design, and because it was unreasonably
2 dangerous.

3 262. Manufacturing Defendants' products were defective at the time of manufacture
4 and/or distribution and sale, and thus at the time they left Manufacturing Defendants' control.

5 263. Manufacturing Defendants' sale and distribution of AFFF and other PFAS-
6 containing products constitutes a pattern of continuous and ongoing tortious conduct.

7 264. On information and belief, Manufacturing Defendants have sold and distributed
8 AFFF and other PFAS-containing products in a tortious manner.

9 265. Manufacturing Defendants have not recalled their AFFF and other PFAS-
10 containing products.

11 266. Manufacturing Defendants' manufacture and/or distribution and sale of a
12 defectively designed product caused PFAS to contaminate Hannah Heights Property and to
13 damage Hannah Heights.

14 267. Manufacturing Defendants' design, formulation, manufacture and/or distribution
15 and sale of a defective product renders Manufacturing Defendants strictly liable in damages to
16 Hannah Heights.

17 268. Manufacturing Defendants' acts were willful, wanton, or reckless and conducted
18 with a reckless indifference to the rights of Hannah Heights.

19 269. Manufacturing Defendants' conduct, and the resulting contamination of
20 groundwater by the chemical components of Manufacturing Defendants' AFFF and other PFAS-
21 containing products, caused Hannah Heights to incur significant costs.

1 270. Hannah Heights' costs include but are not limited to those to: assure water quality
 2 in compliance with mandatory federal MCLs; sample and analyze water and other media for
 3 PFAS; respond to public inquiries and manage public relations regarding the contamination;
 4 assess future costs of water treatment that include installing, operating, and maintaining filtration
 5 systems; conduct a pilot study for a new treatment system; increase the frequency of water
 6 quality testing and monitoring; construct a new water system and related distribution system;
 7 manage and dispose of other media; and additional response costs necessary for Hannah Heights
 8 to address the PFAS contamination affecting its property and rights.

9 **XI. SIXTH CLAIM FOR RELIEF – NUISANCE (MANUFACTURING**
 10 **DEFENDANTS AND DEFENDANT FIRE DISTRICT)**

11 271. Hannah Heights hereby incorporates by reference the allegations contained in the
 preceding paragraphs of this Complaint as if fully set forth herein.

12 272. In Washington, a “nuisance is an unreasonable interference with another’s use and
 13 enjoyment of property[.]” Kitsap County v. Allstate Ins. Co., 964 P.2d 1173, 1185 (Wash. 1998);
 14 see also RCW 7.48.120 (“Nuisance consists in unlawfully doing an act, or omitting to perform a
 15 duty, which act or omission either annoys, injures or endangers the comfort, repose, health or
 16 safety of others, offends decency, or unlawfully interferes with, obstructs or tends to obstruct, or
 17 render dangerous for passage, any lake or navigable river, bay, stream, canal or basin, or any
 18 public park, square, street or highway; or in any way renders other persons insecure in life, or in
 19 the use of property.”).

20 273. If an activity is conducted unlawfully and it interferes with someone’s use and
 21 enjoyment of their property, it is a nuisance per se. If the activity is conducted lawfully, it only

1 becomes a nuisance if it unreasonably interferes with a person's use or enjoyment of property.
 2 Tiegs v. Watts, 954 P.2d 877, 879 (Wash. 1998).

3 274. To be unreasonable, and thus actionable, the interference must be unreasonable
 4 and substantial. City of Moses Lake v. United States, 430 F. Supp. 2d. 1164, 1184 (E.D. Wash.
 5 2006). The reasonableness of an interference is determined by weighing the harm to the
 6 aggrieved party against the social utility of the activity. Kitsap Cty. V. Kitsap Rifle & Revolver
 7 Club, 337 P.3d 328, 339 (Wash. App. 2014). The interference also may be unintentional and
 8 negligent or reckless. Hostetler v. Ward, 704 P.2d 1193, 1202 (Wash. App. 1985). Conduct
 9 constituting a nuisance can include indirect or physical conditions created by the defendant that
 10 cause harm. Bradley, 709 P.2d at 787. Nuisance may be a permanent or continuing tort. For
 11 continuing nuisance, the claim continues to accrue as long as tortious conduct continues. Wallace
 12 v. Lewis County, 137 P.3d 101, 111 (Wash. App. 2006).

13 275. Defendants directly and proximately caused, and continue to cause, PFAS
 14 contamination of Hannah Heights' property and water rights. Defendants unreasonably and
 15 substantially invaded Hannah Heights' interests in the use and enjoyment of its property and
 16 water rights.

17 276. Defendants' actions have contaminated Hannah Heights' water supplies with
 18 PFAS. Due to the contamination, Hannah Heights can no longer supply its residents with
 19 drinking water.

20 277. The unreasonable and substantial interference with the use and enjoyment of
 21 Hannah Heights' property interests includes, but is not limited to: the contamination of
 22 groundwater and soil on Hannah Heights' property, including the source of the Hannah Heights'
 23

1 appropriated water rights; the need to shut down contaminated wells and seek alternative sources
2 of drinking water; and the exposure to known toxic chemicals manufactured and/or sold and
3 distributed by Manufacturing Defendants.

4 278. Defendants' interference is intentional, substantial, and unreasonable.

5 279. The Fire District intentionally and unreasonably discharged AFFF by spraying
6 and dumping it directly onto open ground, soil, and water at the Fire House during firefighting
7 training activities. The Fire District also intentionally and unreasonably failed to contain and
8 handle PFAS effluent and contaminated soil as hazardous waste.

9 280. The Fire District's intentional discharges were made knowing that they would
10 contaminate groundwater and result in PFAS migrating to Hannah Heights' properties and water
11 rights.

12 281. Given the chemical properties of PFAS in AFFF and other PFAS-containing
13 products, Manufacturing Defendants knew and/or should have reasonably foreseen that the use
14 of AFFF and other PFAS-containing products as intended would result in an invasion of Hannah
15 Heights' property interests, including obstruction of its property. Such an invasion of its property
16 rights amounts to a special injury to Hannah Heights.

17 282. Manufacturing Defendants' sale and distribution of AFFF and other PFAS-
18 containing products constitutes a pattern of continuous and ongoing tortious conduct.

19 283. Defendants' acts were willful, wanton, or reckless and conducted with a reckless
20 indifference to the rights of property of Hannah Heights.

1 284. Defendants' conduct, and the resulting contamination of water sources by the
 2 chemical components of Manufacturing Defendants' AFFF and other PFAS-containing products,
 3 has caused or will require Hannah Heights to incur significant costs.

4 285. Hannah Heights' costs include, but are not limited to, those to: assure water
 5 quality in compliance with mandatory federal MCLs; sample and analyze water and other media
 6 for PFAS; respond to public inquiries and manage public relations regarding the contamination;
 7 assess future costs of water treatment that include installing, operating, and maintaining filtration
 8 systems; conduct a pilot study for a new treatment system; increase the frequency of water
 9 quality testing and monitoring; construct a new water system and related distribution system;
 10 manage and dispose of other media; and develop additional response costs necessary for Hannah
 11 Heights to address the PFAS contamination affecting its property and rights.

12 **XII. SEVENTH CLAIM FOR RELIEF – TRESPASS (DEFENDANT FIRE DISTRICT)**

13 286. Hannah Heights incorporates all averments in this Complaint as if restated fully
 14 herein.

15 287. The Fire District has trespassed, and continues to trespass, on Hannah Heights'
 16 property, including its water rights, by contaminating Hannah Heights' property with PFAS. In
 17 Washington, “[a] trespass is an intrusion onto the property of another that interferes with the
 18 other's right to exclusive possession.” Phillips v. King Cty., 968 P.2d 871, 876 n.4 (Wash. 1998).
 19 The intrusion occurs when the actor causes something else to enter property, including land and
 20 water. See Arment v. Bickford, 247 P. 952 (Wash. 1926) (holding water right a sufficient
 21 property interest for trespass).

1 288. “One is subject to liability to another for trespass . . . if he intentionally [or
 2 negligently]: (a) enters land in the possession of the other, or causes a thing or a third person to
 3 do so, or (b) remains on the land, or (c) fails to remove from the land a thing which he is under a
 4 duty to remove.” Bradley v. Am. Smelting & Ref. Co., 709 P.2d 782, 785 (Wash. 1985).

5 289. Trespass is a strict liability tort. It is not necessary that a trespasser knows that it,
 6 or some instrumentality under its control, invades another’s land. If the trespasser knows that the
 7 consequences are certain, or substantially certain, to result from his act, then he is treated as
 8 though the trespass was intentional. The trespass may be caused indirectly, including by the
 9 wrongful discharge of contaminants. *Id.*

10 290. Trespass may be a permanent or continuing tort. For continuing trespass, the
 11 claim continues to accrue as long as tortious conduct continues. *Woldson v. Woodhead*, 149 P.3d
 12 361, 363–64 (Wash. 2006).

13 291. The Fire District intentionally sprayed, dumped, discharged, and disposed of
 14 AFFF onto open ground, soil, and water at the Fire House during firefighting training activities.

15 292. PFAS migrated from the Fire House through groundwater into Hannah Heights’
 16 drinking water system and surrounding property, including Well 2, which has provided roughly
 17 70-80% of the community’s drinking water.

18 293. The existence of PFAS beneath, and continued migration onto, Hannah Heights’
 19 property and water rights constitutes a continuing trespass.

20 294. The Fire District holds no right to possess Hannah Heights’ property and water
 21 rights.

1 295. The Fire District did not have Hannah Heights' permission to place PFAS on, in,
 2 or beneath Hannah Heights' property, including Hannah Heights' wells.

3 296. On information and belief, the Fire District knows and knew, or should have
 4 known, that PFAS migrated or would migrate into the groundwater, and into Hannah Heights'
 5 real property and water supply.

6 297. The Fire District intentionally and unreasonably failed to remediate or stop the
 7 PFAS contamination from spreading to Hannah Heights' property and water supplies.

8 298. The intrusion of PFAS into Hannah Heights' property and water rights has caused
 9 and will cause Hannah Heights to suffer damages, including the costs to: assure water quality in
 10 compliance with mandatory federal MCLs; sample and analyze water and other media for PFAS;
 11 respond to public inquiries and manage public relations regarding the contamination; assess
 12 future costs of water treatment that include installing, operating, and maintaining filtration
 13 systems; conduct a pilot study for a new treatment system; increase the frequency of water
 14 quality testing and monitoring; construct a new water system and related distribution system;
 15 manage and dispose of other media; and develop additional response costs necessary for Hannah
 16 Heights to address the PFAS contamination affecting its property and rights.

17 299. The Fire District's trespass has directly and proximately caused damage and
 18 destruction to Hannah Heights' water rights and property, causing economic loss.

19 **XIII. EIGHTH CLAIM FOR RELIEF – UNJUST ENRICHMENT (MANUFACTURING
 20 DEFENDANTS)**

21 300. Hannah Heights hereby incorporates by reference the allegations contained in the
 22 preceding paragraphs of this Complaint as if fully set forth herein.

1 301. Manufacturing Defendants profited from the manufacture and/or distribution and
 2 sale of AFFF and other PFAS-containing products and continued to do so long after it was aware
 3 of the health and environmental risks of its products. Further, on information and belief,
 4 Manufacturing Defendants failed to recall their products to prevent the further release of their
 5 AFFF and other PFAS-containing products into groundwater and onto Hannah Heights Property,
 6 long after they became aware of the toxic qualities of PFAS. Instead, they continued to hold their
 7 products out as safe. Through fraudulent actions and inactions, Manufacturing Defendants have
 8 been unjustly enriched at the expense of Hannah Heights.

9 302. Manufacturing Defendants' enrichment is both unjust under the circumstances
 10 and as between these parties. Puget Sound Security Patrol, Inc. v. Bates, 396 P.3d 709, 717
 11 (Wash. App. 2017). Hannah Heights has sustained millions of dollars in damages as a direct
 12 result of Manufacturing Defendants' failure to recall their products. Manufacturing Defendants
 13 profited from those sales. Hannah Heights' resulting damages include but are not limited to: loss
 14 of use and enjoyment of its property rights, loss of value of its property and rights, the cost of
 15 shutting down contaminated wells, and the cost of monitoring and potentially treating
 16 groundwater contaminated with PFAS, including increased water quality testing and monitoring.
 17 These damages necessitate an equitable remedy.

18 303. Hannah Heights asks the Court to award the expenditures saved and the profits
 19 obtained by Manufacturing Defendants at the expense of Hannah Heights as a remedy.

20 **XIV. NINTH CLAIM FOR RELIEF – DECLARATORY JUDGMENT
 21 (MANUFACTURING DEFENDANTS AND DEFENDANT FIRE DISTRICT)**

22 304. Hannah Heights hereby incorporates by reference the allegations contained in the
 23 preceding paragraphs of this Complaint as if fully set forth herein.

1 305. The Court has jurisdiction to award declaratory relief pursuant to the Declaratory
 2 Judgment Act, 28 U.S.C. §§ 2201, *et seq.*

3 306. An actual, present, and existing dispute exists between Hannah Heights,
 4 Manufacturing Defendants, and the Fire District. The parties have genuine and opposing
 5 interests, which are direct and substantial, relating to Manufacturing Defendants' and the Fire
 6 District's liability and responsibility for Hannah Heights' damages incurred, and the future costs
 7 that Hannah Heights will incur to abate the continuing PFAS migration and contamination from
 8 the Fire House where AFFF was released.

9 307. The possibility of Hannah Heights incurring future costs necessary to abate the
 10 continuing PFAS migration and contamination from the Fire House where AFFF was released is
 11 not unlikely, remote, or speculative.

12 308. Because its response action is ongoing, Hannah Heights will continue to incur
 13 response costs attributable to PFAS contamination caused by Manufacturing Defendants and the
 14 Fire District. Hannah Heights is entitled to declaratory judgement under CERCLA § 113(g)(2),
 15 42 U.S.C. § 9613(g)(2), on the liability of Manufacturing Defendants and the Fire District for
 16 response costs that will be binding on any subsequent actions to recover further response costs.

17 309. Hannah Heights is entitled to entry of a judgment declaring that Manufacturing
 18 Defendants and the Fire District are liable for damages and future costs necessary to abate the
 19 continuing PFAS migration and contamination from the Fire House, where AFFF was released,
 20 under Washington common law and federal statutory law. Such judgment shall be final,
 21 conclusive, and binding on any subsequent action or actions to recover further response costs or
 22 damages.

1 310. Upon entering the declaratory judgment prayed for herein, the Court should retain
 2 jurisdiction to grant Hannah Heights further relief as necessary and proper to effectuate the
 3 Court's declaration, pursuant to 28 U.S.C. § 2202.

4 **XV. TENTH CLAIM FOR RELIEF – WASHINGTON CONSUMER PROTECTION
 5 ACT (MANUFACTURING DEFENDANTS)**

6 311. Hannah Heights hereby incorporates by reference the allegations contained in the
 preceding paragraphs of this Complaint as if fully set forth herein.

7 312. Manufacturing Defendants' manufacturing, marketing, promoting, distributing,
 8 and sale of AFFF and other PFAS-containing products constitute "trade" or "commerce" within
 9 the meaning of the CPA, RCW 19.86.010(2).

10 313. Manufacturing Defendants engaged in unfair and/or deceptive acts or practices
 11 within the meaning of RCW 19.86.020 by, inter alia, representing that their AFFF and other
 12 PFAS-containing products were safe while misrepresenting and omitting risks and complications
 13 associated with their AFFF and other PFAS-containing products.

14 314. Manufacturing Defendants also engaged in unfair and/or deceptive acts or
 15 practices within the meaning of RCW 19.86.020 by, inter alia, omitting and/or failing to update
 16 their information and marketing materials with known, material risks associated with the use of
 17 AFFF and other PFAS-containing products.

18 315. Manufacturing Defendants' misrepresentations were deceptive because they have
 19 the capacity to mislead a substantial number of consumers.

20 316. These acts or practices occurred in trade or commerce because they occurred in
 21 connection with the sale of AFFF and other PFAS-containing products to the Fire District and
 22 such sale directly and indirectly affected the people of Hannah Heights.

317. An act or practice may be unfair if it offends public policy; is immoral, unethical, oppressive, unconscionable; or causes injury to consumers. Manufacturing Defendants' acts or practices as alleged in this Complaint are unfair.

318. Manufacturing Defendants' acts and practices injured Hannah Heights and its property by foreseeably causing Hannah Heights' drinking water supply to be contaminated by AFFF and other PFAS-containing products and forcing Hannah Heights to incur substantial response costs.

XVI. PRAYER FOR RELIEF

WHEREFORE, Plaintiff respectfully requests that this Court enter judgment against 3M, Tyco, BASF, and the Fire District, and grant Hannah Heights the following relief:

- a) An award to Hannah Heights of all damages and/or response costs suffered, or that will be suffered, as a result of Manufacturing Defendants' and the Fire District's actions, including, without limitation: costs to take PFAS-contaminated wells offline; costs to manage water quality; costs to collect and analyze samples of groundwater, soil, and other media; costs to investigate and remediate contaminated soil and groundwater; costs to manage public relations and public inquiries relating to PFAS contamination of Hannah Heights' drinking water; the decrease in the value and marketability of Hannah Heights' property and property rights; the loss of use and enjoyment of the property and property rights; the identification and procurement of alternative water sources as needed; remediation of soil contaminated with PFAS in Hannah Heights to prohibit its further migration to groundwater; and the annoyance, discomfort, and inconvenience caused to Hannah Heights by Defendants' PFAS releases to the environment—in an amount to be proven at trial;

- 1 b) An award to Hannah Heights, in an amount to be determined at trial, commensurate to
- 2 the amount of an order for disgorgement of the profits and savings which were obtained
- 3 by the unjust enrichment of Manufacturing Defendants through their manufacture and/or
- 4 distribution and sale of AFFF;
- 5 c) A declaration that 3M, Tyco, BASF, and the Fire District are liable for damages suffered
- 6 by Hannah Heights to date, and for costs to be incurred by Hannah Heights in the future
- 7 to abate the continuing PFAS migration and contamination from the Fire House;
- 8 d) An order awarding to Hannah Heights its attorneys' fees and costs, as provided by law;
- 9 e) An order imposing a constructive trust over any such proceeds for the benefit of the
- 10 Plaintiff;
- 11 f) An award of treble damages, as provided by law;
- 12 g) An award to Hannah Heights of pre- and post-judgment interest, as provided by law; and
- 13 h) An order and award to Hannah Heights for all such other and further relief, including
- 14 equitable and declaratory, as the Court deems just and proper.

15 **XVII. DEMAND FOR JURY TRIAL**

16 Pursuant to Federal Rule of Civil Procedure 38(b) Hannah Heights demands a trial by
17 jury on all claims so triable.

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21 Respectfully submitted on April 10, 2025.

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24 COMPLAINT AND JURY DEMAND - 61

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